

Weather Extremes in the Watertown-Carthage Television Market

Tower work becomes extremely difficult, and even impossible, during the winter months in New York's North Country. It is not unusual for this region to experience more than 100 inches of snow per season, as well as extended periods of sub-zero temperatures. When factoring the effect of high winds in with the nominal temperatures, wind-chill temperatures on the ground can easily descend to -20 to -50 degrees. Tower workers who climb hundreds of feet above the ground are exposed to even greater wind chill temperatures. Indeed, tower riggers do not permit their personnel to climb antenna supporting structures at all during times of high wind and/or extreme cold.

It is precisely during times of severe weather that the viewing area, and especially its most isolated sections, has the greatest need of the news and weather information provided by WWNY-TV/DT. Interruptions due to a need to change the station's broadcast antennae during the winter would be highly problematic.

The following information was supplied by station staff:

Top Ten Snowiest Years (Total Snowfall Amount)

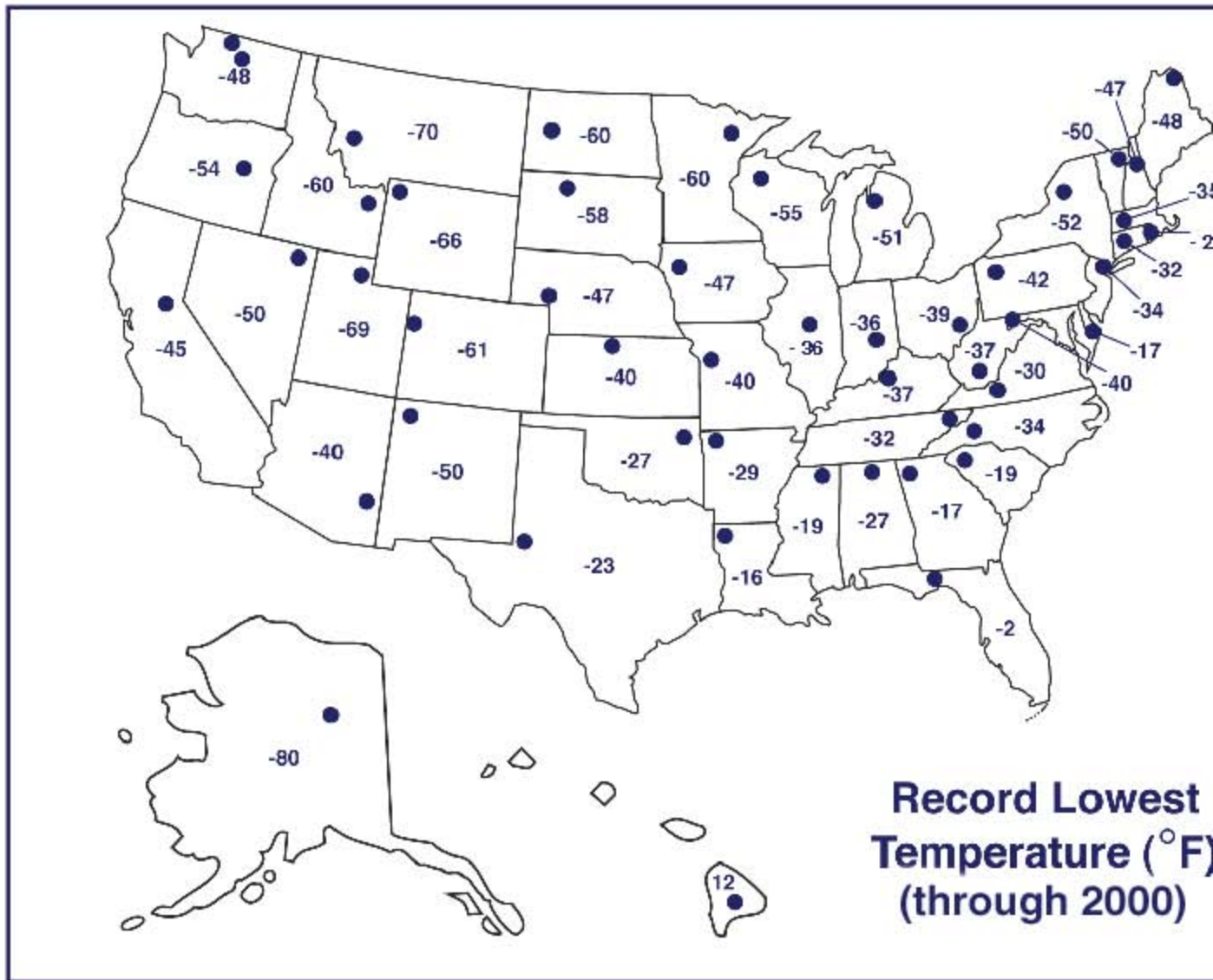
Median and Extreme Daily Snow Cover, by Month.

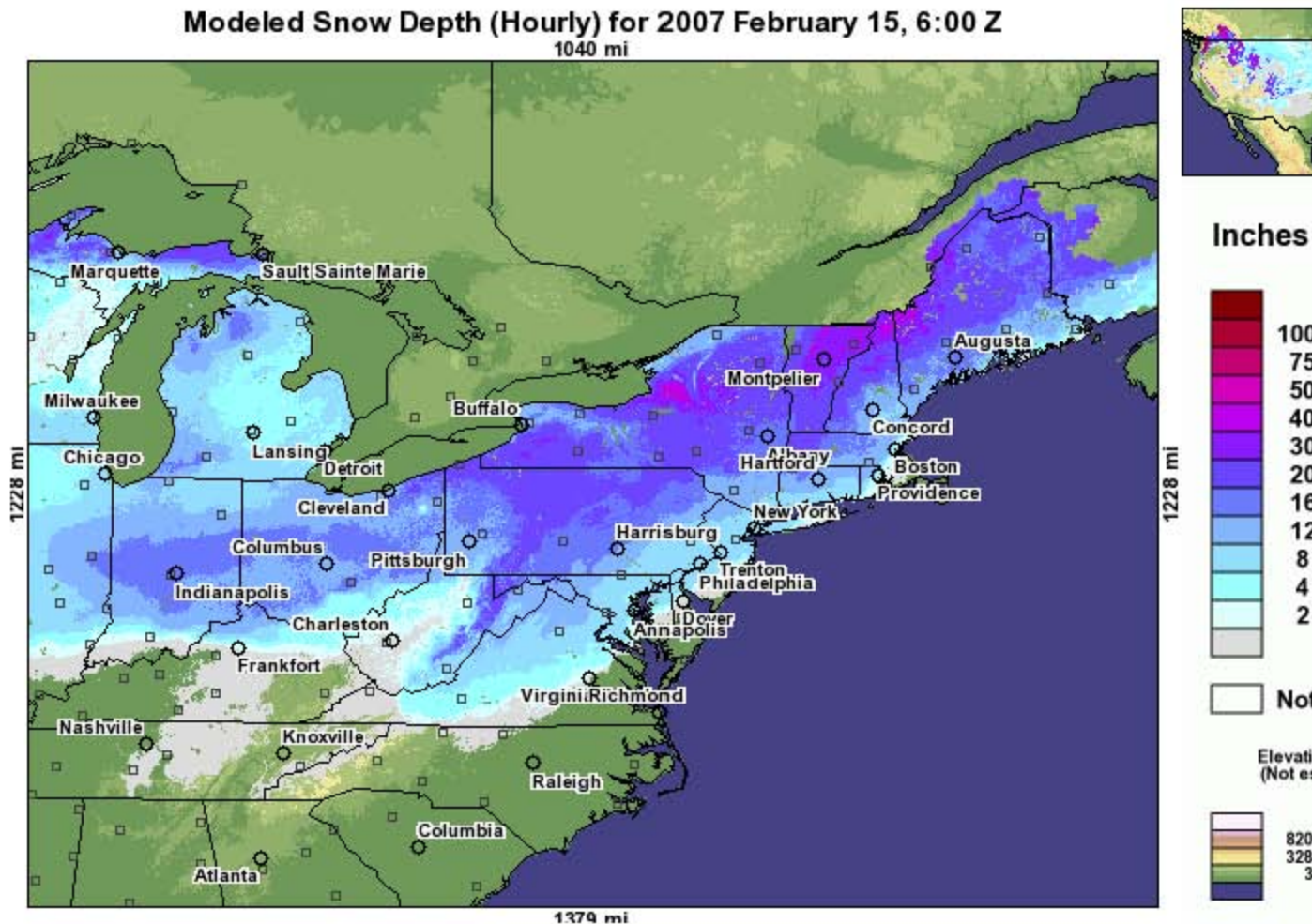
WATERTOWN, New York

Month/Season	1ST	2ND	3RD	4TH	5TH	6TH	7 TH	8TH	9TH	10TH	NYRS
January	90.3 1977	86.9 1985	61.9 1979	59.3 1963	54.5 1978	53.0 1918	51.2 1997	49.8 1931	49.7 1948	48.1 1930	85
February	52.6 2006	51.0 1993	49.9 1947	45.6 1971	45.2 1972	41.0 1995	37.1 1936	37.0 1924	36.5 1994	36.0 1916	80
March	55.0 1900	53.8 1947	44.0 1932	42.6 1971	32.7 1901	32.7 1937	30.3 2001	28.5 1941	27.8 1997	27.2 1999	99
April	16.5 2003	14.9 1962	14.5 1975	13.0 1904	11.8 1979	10.5 1994	9.7 1983	8.3 1955	8.0 1939	7.7 1942	102
May	3.0 1967	2.0 1908	1.0 1963	0.8 1943	0.5 1970	0.5 1976	0.5 1977	TRACE 1923	TRACE 1925	TRACE 1929	85

The Watertown-Carthage area holds the New York state record for snowfall and snow depth for greatest daily snowfall (45 inches, Watertown, Nov. 15, 1900) and greatest daily snow depth (84 inches, Barnes Corners, Jan. 25, 1987).

The coldest temperature recorded in New York state, -52 Fahrenheit, was taken near Carthage (see state record map below).





A major winter storm affected portions of the eastern United States and southeastern Canada during the 13th-14th, depositing significant accumulations of snow and ice from Illinois eastward into the Mid-Atlantic and Northeast. **Snow accumulations in areas of upstate New York** totaled in excess of 100 cm (39 inches). The winter storm was blamed for 13 deaths, and around 300,000 people lost power during the storm (AFP/CNN). In Canada, Montreal received almost as much snow in one day (53 cm or 21 inches) as was received winter-to-date.

Intense lake-effect snowfall in the lee of Lake Ontario deposited phenomenal snowfall accumulations in areas downwind of the lake. **A ten-day storm total of 358 cm (141 inches)** was reported in Redfield in New York's Oswego county by the 12th.